

1c586 U.S. PTO  
09/559348  
04/27/00

206.000	726.000	Class	Subclass
ISSUE CLASSIFICATION			

*C. J. M.*

PATENT NUMBER  
**6357595**  
6357595

# U.S. UTILITY Patent Application

② *JR* O.I.P.E. PATENT DATE **MAR 19 2002**  
SCANNED *SA* *dmw*

APPLICATION NO. <b>09/559348</b>	CONT/PRIOR <b>F</b>	CLASS <b>206</b>	SUBCLASS <b>726.000</b>	ART UNIT <b>3728</b>	EXAMINER <b>LAM</b>
-------------------------------------	------------------------	---------------------	----------------------------	-------------------------	------------------------

APPLICANTS  
**SHigeru Sembomatsu  
Manabu Ishikawa**

TITLE  
**Tray for semiconductor integrated circuit device**

*9/24/01*  
**CPA**

PTO-2040  
12/99

ISSUING CLASSIFICATION							
ORIGINAL		CROSS REFERENCE(S)					
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				
<b>206.000</b>	<b>726.000</b>	<b>206.000</b>	<del>726.000</del>	<b>564.000</b>			
INTERNATIONAL CLASSIFICATION							
<b>B65D</b>	<b>85/00</b>						

☐ Continued on Issue Slip inside File Jacket

*2-13-02* Formal Drawings ( *9* shts) set *L* *4-27-00*

<input type="checkbox"/> <b>TERMINAL DISCLAIMER</b>  <input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.  <input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S Patent. No. _____  <input type="checkbox"/> The terminal _____ months of this patent have been disclaimed.	<b>DRAWINGS</b> Sheets Drwg. <b>9</b> Figs. Drwg. <b>11</b> Print Fig. <b>6, 8</b>			<b>CLAIMS ALLOWED</b> Total Claims <b>15</b> Print Claim for O.G. <b>1</b>	
	_____ (Assistant Examiner)    (Date)			<b>NOTICE OF ALLOWANCE MAILED</b> <b>11-7-01</b>	
	_____ (Primary Examiner)    (Date)			<b>ISSUE FEE</b> <i>aw</i> Amount Due <b>11210.00</b> Date Paid <b>1-28-02</b>	
	_____ (Legal Instruments Examiner)    (Date)			<b>ISSUE BATCH NUMBER</b> <b>257</b>	

**WARNING:**  
The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.

Form PTO-438A  
(Rev. 6/99)

FILED WITH: ☐ DISK (CRF) ☐ FICHE ☐ CD-ROM  
(Attached in pocket on right inside flap)

(FACE)

Issue Fee

POSITION	INITIALS	ID NO.	DATE
FEE DETERMINATION	M-G		5/6/00
O.I.P.E. CLASSIFIER		12/	5/11
FORMALITY REVIEW	DW	72376	6-29-00
RESPONSE FORMALITY REVIEW			

### INDEX OF CLAIMS

✓ ..... Rejected  
 = ..... Allowed  
 - (Through numeral)... Canceled  
 ÷ ..... Restricted  
 N ..... Non-elected  
 I ..... Interference  
 A ..... Appeal  
 O ..... Objected

Claim	Final	Original	Date
1	✓	✓	1/18/01
2		✓	5/16/01
3		✓	10/9/01
4		✓	
5		✓	
6		✓	
7		✓	
8		✓	
9		✓	
10		✓	
11		✓	
12		✓	
13		✓	
14		✓	
15		✓	
16		✓	
17		✓	
18		✓	
19		✓	
20		✓	
21		✓	
22		✓	
23		✓	
24		✓	
25		✓	
26		✓	
27		✓	
28		✓	
29		✓	
30		✓	
31		✓	
32		✓	
33		✓	
34		✓	
35		✓	
36		✓	
37		✓	
38		✓	
39		✓	
40		✓	
41		✓	
42		✓	
43		✓	
44		✓	
45		✓	
46		✓	
47		✓	
48		✓	
49		✓	
50		✓	

Claim	Final	Original	Date
51			
52			
53			
54			
55			
56			
57			
58			
59			
60			
61			
62			
63			
64			
65			
66			
67			
68			
69			
70			
71			
72			
73			
74			
75			
76			
77			
78			
79			
80			
81			
82			
83			
84			
85			
86			
87			
88			
89			
90			
91			
92			
93			
94			
95			
96			
97			
98			
99			
100			

Claim	Final	Original	Date
101			
102			
103			
104			
105			
106			
107			
108			
109			
110			
111			
112			
113			
114			
115			
116			
117			
118			
119			
120			
121			
122			
123			
124			
125			
126			
127			
128			
129			
130			
131			
132			
133			
134			
135			
136			
137			
138			
139			
140			
141			
142			
143			
144			
145			
146			
147			
148			
149			
150			

If more than 150 claims or 10 actions  
staple additional sheet here

(LEFT INSIDE)

Form (Rev. 10/1/99)  
 W. Th. Po.  
 th  
 n  
 o  
 h  
 si

# PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2000

Application or Docket Number

## CLAIMS AS FILED - PART I

	(Column 1)	(Column 2)
TOTAL CLAIMS		
FOR	NUMBER FILED	NUMBER EXTRA
TOTAL CHARGEABLE CLAIMS	15 minus 20 =	*
INDEPENDENT CLAIMS	2 minus 3 =	*
MULTIPLE DEPENDENT CLAIM PRESENT		<input type="checkbox"/>

\* If the difference in column 1 is less than zero, enter "0" in column 2

## CLAIMS AS AMENDED - PART II

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	*	Minus	**
Independent	*	Minus	***
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM			<input type="checkbox"/>

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	*	Minus	**
Independent	*	Minus	***
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM			<input type="checkbox"/>

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	*	Minus	**
Independent	*	Minus	***
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM			<input type="checkbox"/>

- \* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
- \*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."
- \*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."
- The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

SMALL ENTITY TYPE ☐

OR OTHER THAN SMALL ENTITY

RATE	FEE
BASIC FEE	355.00
X\$ 9=	
X40=	
+135=	
TOTAL	

RATE	FEE
BASIC FEE	710.00
X\$18=	
X80=	
+270=	
TOTAL	710.00

SMALL ENTITY

OR

OTHER THAN SMALL ENTITY

RATE	ADDITIONAL FEE
X\$ 9=	
X40=	
+135=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X\$18=	
X80=	
+270=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X\$ 9=	
X40=	
+135=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X\$18=	
X80=	
+270=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X\$ 9=	
X40=	
+135=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X\$18=	
X80=	
+270=	
TOTAL ADDIT. FEE	

Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

# PATENT APPLICATION FEE DETERMINATION RECORD

Effective December 29, 1999

Application or Docket Number

## CLAIMS AS FILED - PART I

(Column 1)

(Column 2)

FOR	NUMBER FILED	NUMBER EXTRA
BASIC FEE		
TOTAL CLAIMS	9 minus 20=	*
INDEPENDENT CLAIMS	1 minus 3 =	*
MULTIPLE DEPENDENT CLAIM PRESENT		

\* If the difference in column 1 is less than zero, enter "0" in column 2

## CLAIMS AS AMENDED - PART II

(Column 1)

(Column 2)

(Column 3)

AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	*	Minus	**
Independent	*	Minus	***
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM			

AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	*	Minus	**
Independent	*	Minus	***
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM			

AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total	*	Minus	**
Independent	*	Minus	***
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM			

\* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

\*\*\*If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

SMALL ENTITY TYPE ☐

OR

OTHER THAN SMALL ENTITY

RATE	FEE
	345.00
X\$ 9=	
X39=	
+130=	
TOTAL	

OR

OR

OR

OR

OR

RATE	FEE
	690.00
X\$18=	
X78=	
+260=	
TOTAL	690

SMALL ENTITY

OR

OTHER THAN SMALL ENTITY

RATE	ADDITIONAL FEE
X\$ 9=	
X39=	
+130=	
TOTAL ADDIT. FEE	

OR

OR

OR

OR

RATE	ADDITIONAL FEE
X\$18=	
X78=	
+260=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X\$ 9=	
X39=	
+130=	
TOTAL ADDIT. FEE	

OR

OR

OR

OR

RATE	ADDITIONAL FEE
X\$18=	
X78=	
+260=	
TOTAL ADDIT. FEE	

RATE	ADDITIONAL FEE
X\$ 9=	
X39=	
+130=	
TOTAL ADDIT. FEE	

OR

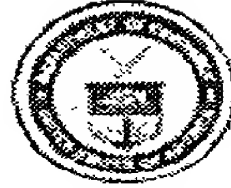
OR

OR

OR

RATE	ADDITIONAL FEE
X\$18=	
X78=	
+260=	
TOTAL ADDIT. FEE	





UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Address COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

<b>SERIAL NUMBER</b> 09/559,348	<b>FILING DATE</b> 04/27/2000 <b>RULE</b> -	<b>CLASS</b> 206	<b>GROUP ART UNIT</b> 3728	<b>ATTORNEY DOCKET NO.</b> Q059017
<b>APPLICANTS</b> Shigeru Sembonmatsu, Tokyo, JAPAN; Manabu Ishikawa, Ichihara-shi, JAPAN;				
<b>** CONTINUING DATA *****</b> None ste				
<b>** FOREIGN APPLICATIONS *****</b> Yes ste JAPAN 124326/1999 04/30/1999				
<b>IF REQUIRED, FOREIGN FILING LICENSE GRANTED</b> <b>** 06/29/2000</b>				
Foreign Priority claimed <input checked="" type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions met <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Verified and Acknowledged Examiner's Signature: <i>[Signature]</i> Initials: <i>[Initials]</i>		<b>STATE OR COUNTRY</b> JAPAN	<b>SHEETS DRAWING</b> 9	<b>TOTAL CLAIMS</b> 9 <b>INDEPENDENT CLAIMS</b> 1
<b>ADDRESS</b> Sughrue Mion Zinn Macpeak & Seas PLLC 2100 Pennsylvania Avenue NW Washington, DC 20037-3202				
<b>TITLE</b> Tray for semiconductor integrated circuit device				
<b>FILING FEE RECEIVED</b> 690	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	

206	713	1019 101	ste			
	714					
	716					
	717					
	722					
	725					
	726					
	561					
	562					
206	564	1019 101	ste			

(RIGHT OUTSIDE)

# PATENT APPLICATION



09559348

jc586 U.S. PTO

09/559348



04/27/00

INITIALS

*[Handwritten initials]*

## CONTENTS

Date Received  
(Incl. C. of M.)  
or  
Date Mailed

Date Received  
(Incl. C. of M.)  
or  
Date Mailed

1. Application papers.
2. Priority Document 4/27/00
3. IDS 4/27/00
4. 943 04/23/01
5. 4/28/01 4-10-01
6. 5/8/01 5-18-01
7. 3/22/01 08-18-01 (08-20-01)
8. 8/23/01
9. 9/18/01
10. 10/4/01 9/18/01
11. 11/7/01 Notice of Allowance H-7-01
- 12.
- 13.
- 14.
- 15.
- 16.
- 17.
- 18.
- 19.
- 20.
- 21.
- 22.
- 23.
- 24.
- 25.
- 26.
- 27.
- 28.
- 29.
- 30.
- 31.
- 32.
- 33.
- 34.
- 35.
- 36.
- 37.
- 38.
- 39.
- 40.
- 41.

- 42.
- 43.
- 44.
- 45.
- 46.
- 47.
- 48.
- 49.
- 50.
- 51.
- 52.
- 53.
- 54.
- 55.
- 56.
- 57.
- 58.
- 59.
- 60.
- 61.
- 62.
- 63.
- 64.
- 65.
- 66.
- 67.
- 68.
- 69.
- 70.
- 71.
- 72.
- 73.
- 74.
- 75.
- 76.
- 77.
- 78.
- 79.
- 80.
- 81.
- 82.

(LEFT OUTSIDE)